

APR 30 2004

FORM - 1449

SHEET 1 OF 5

# INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

AFTY. DOCKET NO. 1

SERIAL NO. 2

1998B076E

09/574,261

APPLICANT

Paul K. Ladwig et al.

FILING DATE

May 19, 2000

GROUP

1764

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WG	AA 3,533,937	10/13/70	Stankis	208	62	
WG	AB 3,770,618	11/06/73	Adams et al.	208	216	
WG	AC 3,801,494	04/02/74	Moore et al.	208	79	
WG	AD 3,899,543	08/12/75	Cosyns et al.	260	667	
WG	AE 3,957,625	05/18/76	Orkin	208	211	
WG	AF 3,959,116	05/25/76	Arey, Jr. et al.	208	66	
WG	AG 4,176,049	11/27/79	Winter et al.	208	70	
WG	AH 4,177,136	12/04/79	Herrington et al.	208	215	
WG	AI 4,390,413	06/28/83	O'Rear et al.	208	61	

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
WG	AJ EP 0 022 883 B1	11/23/83	Europe	C10G	69/04	
WG	AK EP 0 093 475 A1	11/09/83	Europe	C10G	35/06	
WG	AL EP 0 109 060 B1	03/11/87	Europe	C07C	11/06	

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WG	AA 4,927,526	05/22/90	Anderson et al.	208	152	
WG	AB 4,975,179	12/04/90	Harandi et al.	208	66	
WG	AC 5,041,208	08/20/91	Patridge et al.	208	138	
WG	AD 5,047,142	09/10/91	Sherwood, Jr. et al.	208	251 H	
WG	AE 5,143,596	09/01/92	Maxwell et al.	208	89	
WG	AF 5,160,424	11/03/92	Le et al.	208	67	
WG	AG 5,220,089	06/15/93	Le et al.	585	643	
WG	AH 5,286,373	02/15/94	Sudhakar et al.	208	216	
WG	AI 5,346,609	09/13/94	Fletcher et al.	208	89	

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
WG AJ EP 0 235 416 B1	02/06/91	Europe	C10G	35/095	
WG AK EP 0 420 326 B1	02/15/95	Europe	C10G	35/095	
WG AL EP 0 557 527 B1	02/28/96	Europe	C10G	35/095	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	CLASS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WG	AA	5,347,061	09/13/94	Harandi et al.	585	323	
WG	AB	5,348,928	09/20/94	Kukes et al.	502	306	
WG	AC	5,358,633	10/25/94	Dai et al.	208	216 R	
WG	AD	5,409,596	04/25/95	Fletcher et al.	208	89	
WG	AE	5,468,372	11/21/95	Seamans et al.	208	216 R	
WG	AF	5,525,211	06/11/96	Sudhakar et al.	208	217	
WG	AG	5,576,256	11/19/96	Monque et al.	502	61	
WG	AH	5,643,441	07/01/97	Timken et al.	208	89	
WG	AI	5,770,047	06/23/98	Salazar et al.	208	254 R	

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUB. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
WG	AJ	EP 0 921 179 A1	06/09/99	Europe	C10G	11/05	
WG	AK	EP 0 921 181 A1	06/09/99	Europe	C10G	11/05	
WG	AL	WO 98/53030 A1	11/26/98	PCT	C10G	69/08	
WG	AM	WO 01/04237 A2	01/18/01	PCT	C10G	11/00	

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
WG	AA	5,846,403	12/08/98	Swan et al.	208	113	
WG	AB	5,951,963	09/14/99	He et al.	423	713	
WG	AC	5,985,136	11/16/99	Brignac et al.	208	216 R	
WG	AD	5,997,728	12/07/99	Adewuyi et al.	208	120.01	
WG	AE	6,126,812	10/03/00	Drake et al.	208	134	
WG	AF	6,126,814	10/03/00	Lapinski et al.	208	217	
WG	AG	6,388,152	05/14/02	Ladwig et al.	585	330	
	AH	<del>6,489,530</del>	<del>12/03/02</del>	<del>Stuntz</del>	<del>585</del>	<del>648</del>	
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

WG	AD	Abstract, Elvers B. et al., "Ullmann's Encycl. Industrial Chemistry", 1992, Vch Verlag, Weinheim, DE, Volume A21, pages 518-519, paragraph 2.1.1, "Propene" (XP002174091)
WG	AE	Abstract, Moore, E.P., "Monomer Supply", Polypropylene Handbook, 1996, Hanser Publ., Munich, DE, pages 262-264, paragraph 7.1.4, (XP002174092)
WG	AF	Derouane et al., "Synthesis and Characterization of ZSM-5 Type Zeolites", Applied Catalysis, Vol. 1, pp. 201-224, (1981).
WG	AG	Fleisch et al., "Hydrothermal Dealumination of Faujasites", Journal of Catalysis, Vol. 99, pp. 117-125 (1986).
WG	AH	Gross et al., "Surface composition of dealuminated Y zeolites studied by X-ray photoelectron spectroscopy", Zeolites, Vol. 4, Number 1, pp. 25-29, (January, 1984)
WG	AI	Hsing, L.H. et al., "Cracking of FC and Coker Naphthas by ZSM-5 Catalyst and Equilibrium FC Catalyst", Preprints, Vol. 39, No. 3, July 1994, pp. 388-392 (XP000984372) American Chemical Society, Washington, DC
WG	AJ	Jacobs et al., "Framework Hydroxyl Groups of H-ZSM-5 Zeolites", J. Phys. Chem., Vol. 86, pp. 3050-3052 (1982).
WG	AK	Derouane et al., "Concerning the Aluminum Distribution Gradient in ZSM-5 Zeolites", Journal of Catalysis, Vol. 71, pp. 447-448, (1981).
WG	AL	Kung, "Intrinsic activities and pore diffusion effect in hydrocarbon cracking in steamed Y zeolite", Studies in Surface Science and Catalysis, Vol. 122, pp. 23-33, (1999, Elsevier).
WG	AM	Meyers et al., "A Multitechnique Characterization of Dealuminated Mordenites", Journal of Catalysis, Vol. 110, pp. 82-95 (1988).
WG	AN	Von Ballmoos et al., "Three-Dimensional Mapping of the Zoned Aluminum Distribution in ZSM-5", Proceedings of the Sixth International Zeolite Conference, Reno, NV, July 10-15, 1983, published by Butterworths & Co., Guildford, Engl., pp. 803-811, (1984).

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